

Application No. 10/227,039
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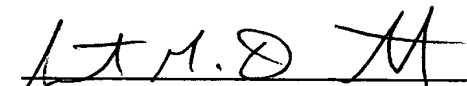
In the Description

Please delete Pages 1 to 51 of the Sequence Listing filed June 28, 2002 and insert Pages 1 to 36 of the enclosed Sequence Listing after page 33 of the application as filed (after the Abstract and before Figure 1 pursuant to 37 C.F.R. §1.77(b)).

REMARKS

The enclosed Sequence Listing reflects the sequence information provided in the application as filed, the First Amendment, filed October 5, 2001, the Second Amendment, filed June 28, 2002, and the Third Amendment, filed July 1, 2002 and has been formatted to comply with the sequence rules under 37 C.F.R. §§1.821-1.825. The enclosed Sequence Listing includes no new matter relative to the above-identified amendments.

Respectfully submitted,


Jonathan M. Dermott, Ph.D.
Registration No. 48,608

SYNNESTVEDT & LECHNER LLP
Suite 2600 Aramark Tower
1101 Market Street
Philadelphia, PA 19107
(215) 923-4466

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- (C) the required statement concerning submissions of Sequence Listings subsequent to filing of the application, pursuant to 37 C.F.R. §§1.825(a) and 1.825(b);
- (D) a Petition for Extension of Time Under 37 CFR 1.136(a);
- (E) a check in the amount of \$930.00 to cover the extension fees; and
- (F) a copy of the Office Communication.

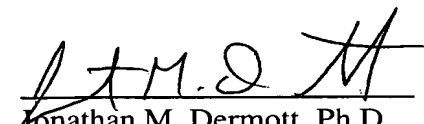
REMARKS

The Office Communication indicated that the use of single-letter amino acid abbreviations is not allowed in the application. Applicants respectfully traverse this assertion.

In a teleconference dated January 21, 2003 between the undersigned and Examiner Dr. Karen Cochrane Carlson, Examiner Carlson stated that, pursuant to MPEP §2429, single-letter amino acid abbreviations may be used in the application. In particular, MPEP §2429 states (emphasis added): "Single letter amino acid abbreviations are not acceptable within the Sequence Listing but may appear elsewhere in the application." Thus, applicants are required to replace single-letter amino acid abbreviations with three-letter abbreviations in the Sequence Listing only.

Any Patent Office fee associated with this matter should be charged to Deposit Account No. 19-5425. A duplicate of this transmittal letter is enclosed.

Respectfully submitted,


Jonathan M. Dermott, Ph.D.
Registration No. 48,608

SYNNESTVEDT & LECHNER LLP
Suite 2600 Aramark Tower
1101 Market Street
Philadelphia, PA 19107
(215) 923-4466

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